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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/643,139

08/18/2003

Jesse Dale Olsen

10019985-1

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09/22/2006

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EXAMINER

CHOU, ANDREW Y

ART UNIT

PAPER NUMBER

2192

DATE MAILED: 09/22/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/643,139	Applicant(s) OLSEN, JESSE DALE	
	Examiner Andrew Y. Chou	Art Unit 2192	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 August 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on _____ is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 1-20 have been examined. Claims 1, 11, and 18 are independent claims.

The priority date recognized for this application is 08/18/2003.

Oath/Declaration

2. The Office acknowledges receipt of a properly signed oath/declaration filed on 08/18/2003.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1,2, 4-9, and 41-50 are rejected under 35 U.S.C. 102(b) as being anticipated by Shulman et al. US 6,026,233 (hereinafter Shulman).

Claim 1:

A method for viewing code comprising the steps of:

providing a procedure (see for example FIG. 10, step 1010, and related text);

providing a visual indicator corresponding to procedure content being associated with the procedure (see for example FIG. 3, item 233, "indicator"); and

displaying the procedure content in association with the procedure in response to an operator actuating the visual indicator (see for example FIG. 7, and related text).

Claim 2:

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The method of claim 1, wherein the visual indicator is a name of the procedure displayed in an underlined format (see for example FIG. 3, item 233, "indicator").

Claim 3:

The method of claim 1, wherein the operator actuates the visual indicator by clicking the visual indicator (see for example column 9, lines 31-39).

Claim 4:

The method of claim 1, wherein, in displaying the procedure content in association with the procedure, the procedure content is displayed between a pair of lines (see for example FIG. 7, and related text).

Claim 5:

The method of claim 4, wherein the procedure content is indented with respect to the procedure (see for example Fig. 5, and related text).

Claim 6:

The method of claim 5, wherein the procedure content includes an additional procedure that has additional procedure content associated therewith, the additional procedure including an additional visual indicator (see for example Fig. 6, and related text).

Claim 7:

The method of claim 1, wherein the procedure is a function (see for example column 11, lines 6-16).

Claim 8:

The method of claim 1, wherein the procedure is stored in a first file (see for example Fig. 7, item 740, and related text) and the procedure content is stored in a second file

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(see for example Fig. 7, item 710, and related text); and further comprising: displaying information corresponding to the second file to the operator (see for example FIG. 7, item 700, and related text).

Claim 9:

The method of claim 8, wherein, in displaying the procedure content in association with the procedure, the procedure content is displayed between a pair of lines, the information corresponding to the second file being displayed adjacent to at least one of the lines (see for example FIG. 9, item 740, and related text).

Claim 10:

The method of claim 1, wherein the visual indicator comprises a plus sign when the procedure content is not being displayed, and comprises a minus sign when the procedure content is being displayed (see for example column 9, lines 39-43).

Claim 11:

A computer-readable medium having a computer program stored thereon (see for example FIG. 1, items 108, 110, and related text), the computer program being executable to perform the method steps of:

receiving information corresponding to a procedure (see for example FIG. 10, step 1010, and related text);

displaying a visual indicator corresponding to procedure content being associated with the procedure (see for example FIG. 3, item 233, "indicator");

receiving information corresponding to an operator actuating the visual indicator; and displaying the procedure content in association with the procedure in response to the

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operator actuating the visual indicator (see for example FIG. 7, and related text).

Claim 12:

The computer-readable medium of claim 11, wherein the visual indicator is a name of the procedure displayed in an underlined format (see for example FIG. 3, item 233, "indicator").

Claim 13:

The computer-readable medium of claim 11, wherein, in displaying the procedure content in association with the procedure, the procedure content is displayed between a pair of lines (see for example FIG. 7, and related text).

Claim 14:

The computer-readable medium of claim 11, wherein, in displaying the procedure content in association with the procedure, the procedure content is indented with respect to the procedure (see for example Fig. 5, and related text).

Claim 15:

The computer-readable medium of claim 11, wherein:
the procedure is stored in a first file (see for example Fig. 7, item 740, and related text)
and the procedure content is stored in a second file (see for example Fig. 7, item 710, and related text); and further comprising the method step of:
displaying information corresponding to the second file to the operator (see for example FIG. 7, item 700, and related text).

Claim 16:

The computer-readable medium of claim 15, wherein, in displaying the procedure

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content in association with the procedure, the procedure content is displayed between a pair of lines, the information corresponding to the second file being displayed adjacent to at least one of the lines (see for example FIG. 9, item 740, and related text).

Claim 17:

The computer-readable medium of claim 11, wherein the visual indicator comprises a plus sign when the procedure content is not being displayed, and comprises a minus sign when the procedure content is being displayed (see for example column 9, lines 39-43).

Claim 18:

A system (see for example FIG. 1, and related text) for viewing code comprising:
a call tree code view system (see for example FIGs. 5, 6, and related text) operative to:
receive information corresponding to a procedure (see for example FIG. 10, step 1010, and related text);
display a visual indicator corresponding to procedure content being associated with the procedure (see for example FIG. 3, item 233, "indicator");
receive information corresponding to an operator actuating the visual indicator; and
display the procedure content in association with the procedure in response to the operator actuating the visual indicator (see for example FIG. 7, and related text).

Claim 19:

The system of claim 18, further comprising: a text editor application operative to enable a operator to edit code, the text editor comprising the call tree code view system (see for example column 15, lines 18-29, "programming language editor").

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Claim 20:

The system of claim 18, further comprising: a display device communicating with the call tree code view system, the display device being operative to receive information from the call tree code view system such that the procedure content is displayed to the operator in association with the procedure in response to the operator actuating the visual indicator (see for example FIG. 8, "informational assist display window", and related text).

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew Y. Chou whose telephone number is (571) 272-6829. The examiner can normally be reached on Monday-Friday, 8:00 am – 4:30 pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam, can be reached on (571) 272-3695.

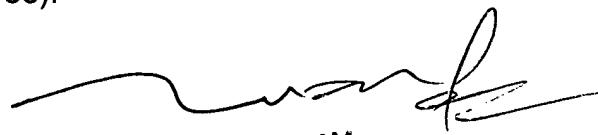
The fax phone number for the organization where this application or proceeding is assigned is (571) 273 8300.

Any inquiry of a general nature of relating to the status of this application or proceeding should be directed to the TC 2100 Group receptionist whose telephone number is (571) 272 2100.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll free).

AYC



TUAN DAM
SUPERVISORY PATENT EXAMINER